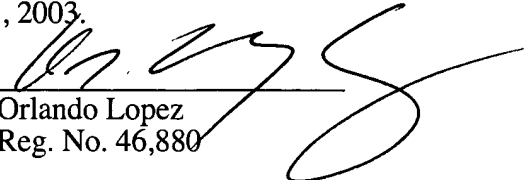


**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express Mail Label No. EL449697000US, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 21, 2003.

  
Orlando Lopez  
Reg. No. 46,880

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Daniel R. Paquette et al.

Examiner: N/A

Application Serial Number: N/A

Group Art Unit: N/A

Filed: Herewith

For: METHODS AND SYSTEMS FOR DETECTION OF REPEATING PATTERNS OF FEATURES

PERKINS, SMITH & COHEN, LLP  
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To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copies of references) is submitted under 37 CFR 1.97(b).

**REMARKS**

Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b).

The following information is presented in the event that a call may be deemed desirable by the Examiner:

ORLANDO LOPEZ (617) 854-4000.

Dated: July 21, 2003

Respectfully submitted,  
Daniel R. Paquette, et al., Applicants

By: 

Orlando Lopez  
Reg. No. 46,880  
Agent for Applicants

**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

ATTORNEY DOCKET NO.: 12078-195

APPLICATION SERIAL NO.: N/A

GROUP ART UNIT: N/A

APPLICANT(S): Daniel R. Paquette et al.

EXAMINER: N/A

FILING DATE: Herewith

CONFIRMATION NO.: N/A

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
	4,158,835	06/19/79	Miura et al.	340/146.3 H	
	4,736,441	04/05/88	Hirose et al.	382/48	
	4,783,825	11/08/88	Hirose et al.	382/1	
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	6,289,109 B1	09/11/01	Gocht et al.	382/101	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
	JP 61-275986	12/06/86	Toshiba Corp.	G06K 9/00	No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, etc.)

	Kahn, P., Kitchen, L., and Riseman, E.M. (1990) "A Fast Line Finder for Vision-Guided Robot Navigation." IEEE Trans. on Pat. Anal. & Mach. Intel. 12(11), 1098-1102
	Aste, M., Boninsegna, M. and Caprile, B. (1993). "A Fast Straight Line Extractor for Vision-Guided Robot Navigation." Technical Report, Istituto per la Ricerca Scientifica e Tecnologica. Available at <a href="http://citeseer.nj.nec.com/aste93fast.html">http://citeseer.nj.nec.com/aste93fast.html</a> .

**EXAMINER****DATE CONSIDERED**